

PSJ3

Exhibit 531



Functional Requirements & (*Macro*) Design

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|------------------------|--|-------------------------|---------------|
| Program Name: | Retail Applications: Inventory Systems Development – Store Ordering | Program Manager: | Steve Bamberg |
| Project Name: | DEA Suspicious Ordering – Phase III. (Controlled Substance Threshold) | Project Manager: | Rakesh Khanna |
| Project Number: | W0018238 | Account Unit: | 433400 |
| Sponsor: | Store Operations | Business Owner: | Barb Martin |

Document Version Control

| Date | Version # | Describe Revision(s) | Author(s) |
|------------|-----------|------------------------------------|-----------------|
| 09/23/2011 | 1.0 | Initial | Rakesh Khanna |
| 04/06/2012 | 1.1 | Added process flow for new process | Prashant Tiwari |
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Approvals

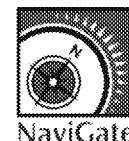
| Date | Approver(s) | Notes |
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Overview:

Purpose -

The Controlled Substances Act is the primary federal law regulating the flow of controlled substances into the marketplace for medical purposes. Among other requirements, the act requires that distributors register with the Drug Enforcement Agency (DEA) to sell controlled substances to retail pharmacies and report to the DEA suspicious orders. The DEA is requiring that Walgreens monitor orders for control substances that are placed at the stores and sent to our DCs for filling. Such drugs are to be monitored for suspicious activity. Suspicious orders are defined by the DEA in terms of an Order Size or Order Frequency.

The purpose of this project is to create a process to systematically identify and prevent suspicious orders based on a formula used to determine inconsistent (suspicious) ordering patterns for controlled drugs. Any Control Drug Orders that are deemed suspicious will be flagged as suspicious and populated in a file to be sent up centrally to Loss Prevention and Rx services for review/analysis. The order that is flagged as suspicious on the store side will be intercepted and the order qty will be reduced to a non-suspicious (order limits) level. The item will be reduced to a non-suspicious level in order to prevent suspicious orders from being sent over to the DC. This method will help to insure that the DC does not receive suspicious orders from stores and limit the possibility of fines that may be imposed by the DEA.

Due to conditions outside of a stores control, functionality will be added to the application to allow stores to be removed from the suspicious ordering limits or to have individual items removed from the suspicious ordering limits. This is done to account for stores that may need to order more of an item for a certain amount of time. A file will be created to store all stores that have the application or items turned off along with a reason code that will be used to better understand why the store or items were turned off.

PHASE I Overview:-

In this Phase, DEA suspicious orders were not reduced. System was implemented as a 'Proof of Concept'.

PHASE II Overview:-

In this Phase, DEA suspicious orders were started to reduce, based on the calculated Tolerance Limit and the Ordering Frequency.

PHASE III

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1. We need a Central Store system based functionality to maintain and control the stores to go thru the DEA Limitations. We must define an exclusion reason in the comments section.
2. We need a Central Store system based functionality to maintain and control the items to go thru the DEA Limitations. We must define a reason in the notes section.
3. If DEA reduced items are ordered from stores RX Vendor (like Cardinal) within next 48 hours, show the Vendor Order Number, Vendor Number, Order Qty and the store user who placed an order.
4. Tolerance Limit calculation method will not be changed.
Only Ordering Frequency calculation method will be changed.
Please refer to the documentation for more details.
5. It will be applicable to the new store opening order. An existing new store cloning Process will be changed to copy order history data from the cloned store for this purpose.
Later on it was decided that the cloning process does not need to be changed. TL calculation logic will cover this scenario. Please refer to the TL Calculation document.
6. DEA data needs to be saved for 5 years on the Unix platform.
7. The existing ADR4 online screens to display the violations will not be changed or removed.
8. A store user found doing substantial inventory adjustments will be shown on the reports.
Loss Prevention department changed their decision to not to have this done.
9. Start saving 52 weeks of order history data for more accurate observations.
The process was already changed in Dec. 2010 to purge the order history after 52 weeks.
10. The current method of determining PSE items is good and will continue with the same logic.
11. Various types of KPI format, reports are required that is being done by Inventory Matrix team.
- 12 Calculate Reduced Order Qty at the store based on the suspicious order monitor process to send to ADR4 for reporting. Please refer to the Suspicious Order Monitoring Process document.
13. The following issues will be corrected:-
 - Remove direct store orders for Cardinal from ADR4 data base files and fix the program.
 - Remove orders with order qty same as Tolerance Limit which were flagged suspicious as 'T', and fix the program.
 - Create a one-time program to turn all the store 'On' to go thru DEA Limitations.
 - When an order item is deleted during the order review, corresponding suspicious order item record should also be deleted.

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-Correct an issue of incorrectly updating Adjusted Order Qty, Adjusted User and Adjusted Date from the Review Suggested Order Item screens.

In Scope:

The scope of this project is limited to the store auto ordering from the DC and the Emergency orders. Only Control Drugs and PSE items will be applicable for the DEA limitations.

Systems Training & Consulting Impact <Yes or No>: No

Business Users Overview -

| Business User Role / User Group | Location | Subject Matter Knowledge | Technical Knowledge | Other Observations, if any |
|--|-----------------|---------------------------------|----------------------------|-----------------------------------|
| Store Operations | 200 Wilmot | Barb Martin | | |
| Pharmacy Purchasing and Strategy | 200 Wilmot | Barb Martin | | |
| | | | | |

Definitions and Acronyms -

Functional Requirements -



| FR ID | BR ID # | Description |
|-------|---------|--|
| 1. | SC1-1 | <p>This business requirement addresses the need for a new set of new screens accessed from the current 'File Maintenance' option on the SIMS menu, on central store system to maintain and control specific stores to go thru the DEA limitations. User will be able to add a reason for turning the stores 'On' or 'Off'. During the store's order release process, this flag will be accessed and DEA limitations will be applied accordingly.</p> |
| 2. | SC1-2 | <p>This business requirement addresses the need for a new set of screens accessed from the current 'File Maintenance' option on the SIMS menu, on central store system to maintain and control specific items to go thru the DEA limitations. User will be able to add a reason for turning the items 'On' or 'Off'. During the store's order release process, this flag will be accessed and DEA limitations will be applied accordingly.</p> <p>There is a separate document for the screen designs and navigation, being attached here.</p> |
| 3 | SC1-3 | <p>This business requirement addresses the need for showing the Vendor Order Number, Vendor Number, order qty and the user on the reports, if the DEA reduced item was ordered from the Rx Vendor (like Cardinal) within 48 hours of DC order. System will not stop the order.</p> |
| 4 | SC1-4 | <p>This business requirement addresses the need to change the Ordering Frequency calculation method in order to reduce the total number of order items flagged 'Suspicious' for frequency.</p> <p>One more check is put in place for Days Since Last Order. If DSLO is greater than two and is less or equal to one hundred, then mark an order item 'Suspicious' for frequency.</p> |
| 5 | SC1-5 | <p>This business requirement addresses the need to calculate the Reduced Order Qty at the store based on the Suspicious Order Monitoring Process and send it to ADR4 for reporting and analysis.</p> |
| 6 | SC1-6 | <p>This business requirement addresses the need to remove the bad data from ADR4 and fix the appropriate programs as described in number 13, in order to stop this happening in future.</p> |

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| FR ID | BR ID # | Description |
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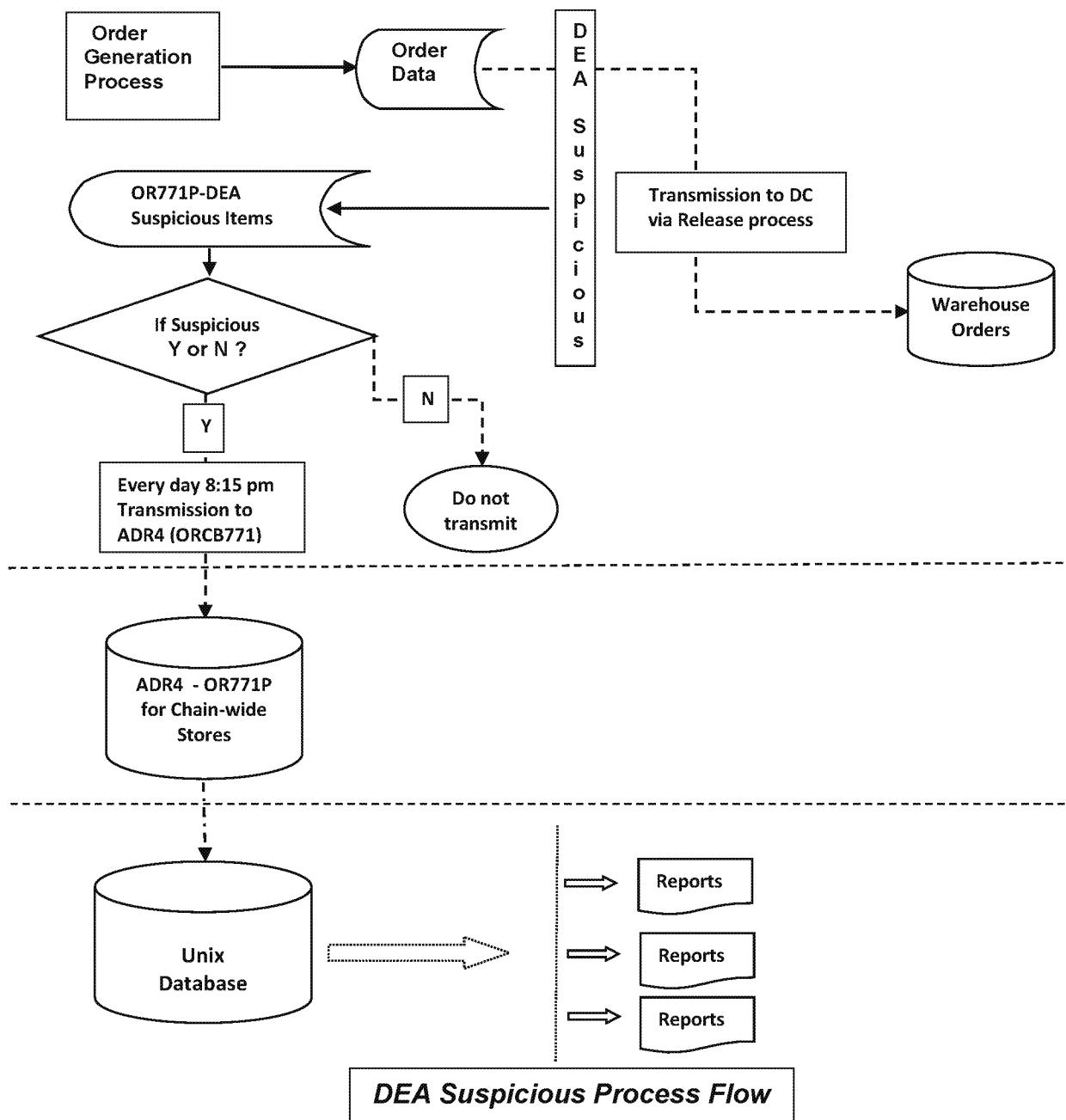
Non-Functional Requirements:

Non-Functional Requirements -

| NFR ID | BR ID # | Description |
|--------|---------|-------------|
| 1. | | |
| 2. | | |

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Process Flow Diagram –



| S/ER ID | BR ID # | Description |
|---------|---------|-------------|
| | | |



Audit/Controls

Existing audit controls will remain.

New Store

No special processing is needed for new stores.

Reporting

N/A

Puerto Rico, Hawaii, or Alaska Store (*non-mainland stores*) Impact

No special processing is needed for non-mainland stores.

Security Requirements -

None

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Application Narrative Overview (Macro Design):

Please see above.

Screen / Program / Process Navigation Flow:

Technical Requirements:-

1. An existing sub-menu 'Maintain DEA Control Variables', on the SIMS menu, displays a screen for the user to maintain DEA control variables. This screen will be changed by adding a new comment field of 50 bytes length under the Limit Order Qty' field. This input field will be used to add any comments related to the stores being taken off of the DEA limitations. After the store selections, which is done by using the F6=Refresh Stores, system will create the necessary NAI transactions to be sent to the selected stores. A job at the stores will read these transactions and update the Dashboard file. This will require changes in the DB file.

A value of 'Y' in the Limit Order Qty field will allow to reduce the order and value 'N' will not.

There is a built-in functionality to turn the flag 'On', if it remains 'Off' for more than two weeks. This way we are not depending on the user to turn the store back 'On'.

2. A new sub-menu 'Maintain DEA Exclusion Items' will be added on the SIMS menu. Upon selecting this Menu a new program will be called for the user to select and start entering the Control and PSE items. These will be the items that the system will not apply the DEA limitations. An input capable Comment field will be provided for each item. After the store selections, which is done by using F9=Refresh Stores, system will create the necessary NAI transactions to be sent to the selected stores. A job at the stores will read these transactions and update the DEA Exclusion Items file. Any item in this file will not go thru the DEA limitations. This will require changes in the Data Base file DEA Susp Item Exclusions, OR772P.
3. Create a new batch process, which will process one day old DEA Suspicious Order Items and if it was found that the DEA has reduced the order qty of an item, it will check if that item was ordered on the current day from the stores Rx Vendor. Stores Rx vendor will be retrieved from the Vendor Control file. If an item was found then it will update the Vendor Order Number, Vendor Number and the Order Qty of DEA Suspicious Order Items file. Also update the User after getting from the Order Item Audit file. This will require changes in the data base file DEA Susp Order Items file, OR771P.
4. Calculate the reduced order qty based on the DEA Suspicious Order Monitoring Process, as follows:-

If Suspicious Reason Code is 'T' or 'B'

If Order Qty = Tolerance Limit

If Adjusted Order Qty > Tolerance Limit

Reduced Qty = Adjusted Order Qty – Tolerance Limit

Else (Means Adjusted Order Qty < Tolerance Limit)

If Suggested Order Qty > Tolerance Limit

Reduced Qty = Suggested Order Qty – Tolerance Limit

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5. Create a one-time put away program for ADR4 which will remove the Direct Store Orders from Cardinal, the orders with order qty same as Tolerance Limit with Suspicious Reason Code of 'T' and Adjusted Order Qty is zero. It will also remove the Frequency suspicious order items when Days Since Last Order is less than three and greater than one hundred.
6. Create a one-time put away program to turn all the stores 'On' to go thru the DEA limitations.
7. When an order item is deleted from the order review process, make sure the corresponding DEA Suspicious Order Item record is also deleted.
8. Correct all the Review Suggested Order programs to make sure that the Adjusted Order Qty, Adjusted User and Adjusted Date fields are populated correctly in OR771P and OR089P files at the store.
9. Change an existing ORCB771 CL program such that it will transmit an updated suspicious data from the store to ADR4, after 24 hours of its creation and after checking for the DEA reduced items ordered from Cardinal.



New / Modified Program Code Requirements:

| Program Module | System | Program Description | Program Type | Program Language | New Pgm? | Modification/Creation Description |
|--------------------------------|---------------|----------------------------|---------------------|-------------------------|-----------------|--|
| ORPO711 DEA Itm Exclusio | ADR4 | | *RPG | SYNON | NO | <ul style="list-style-type: none"> ▪ Maintain Excluded items for DEA. ▪ |
| ORPO712 Add Cntl Drug Itm | ADR4 | | *RPG | SYNON | YES | <ul style="list-style-type: none"> ▪ Displays Control Drugs list for the user to select. |
| ORPO713 Add PSE Items | ADR4 | | | SYNON | YES | Display PES items list for the user to select. |
| ORPO714 Select Stores Loc | ADR4 | | | SYNON | YES | Displays a list of stores for the user to select one or many stores. |
| ORPB720 TRINB DEA Susp It | Store | | | SYNON | YES | <ul style="list-style-type: none"> ▪ Reads inbound transaction records and update OR772P file at the store. |
| ORCJ720 | Store | | CLP | | | Schedule job ORCB720 at the store. |
| VOPB055E Add to Sug Order | Store | | | SYNON | NO | <ul style="list-style-type: none"> ▪ Add an order item into an existing order. |
| ORPB306 Determine DEA Lmt | Store | | | SYNON | NO | This is a driver program for both ORPB307 Calculate DEA TL and ORPB309 Calculate DEA OF depending on a variety of criteria. |
| ORPB318 Upd DEA Susp Item | Store | | | SYNON | NO | This program will check if the item is there in OR771P and there are any changes to the item qty or new item is added, we accordingly change OR771P. |
| ORPO055E Add to Sug Order | Store | | | SYNON | NO | This batch process will update the Order Release date, calc new estimated Delivery date, add new items to the order which will update the Order header, Order Dept Summary and Order Item records. |
| ORPB720T Crt DEA ExUT480P | ADR4 | | | SYNON | | This one-time pgm will populate UT480P with the record for "DEA Excluded Item" which will be used by the NAI process to download the data in the store. |
| ORPB312 Purge DEA SuspItm | | | | SYNON | NO | This program will purge old record from DEA Susp Order items (OR771P) and Order Item Audit (OR089P). |
| ORCB771 | Store | | | CLP | NO | Transmit OR771P to ADR4 daily. |
| ORPB774 Get RX Re-Order Nbr | Store | | | SYNON | NO | This program updates the OR771P file with the Rx manual re-order line details for the DEA marked suspicious items. |
| ORPB774T DEA Cleanup | ADR4 | | | SYNON | NO | This is a one time put away program which will clean bad data from OR771P file on ADR4. |
| ORPO317 Dsp Susp Item Dtl | ADR4 | | | SYNON | NO | This program displays the details of records in DEA Suspicious Order Item-OR771P to Corporate Users for analysis. |
| ORPB327T Crt for DEA Susp | Store | | | SYNON | NO | <ul style="list-style-type: none"> ▪ Turn the DEA Apply Flag to 'On' at the store. |

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|----------------------------------|--|--|--|-------|-----|--|
| ORPB382 CII Drug Order | | | | SYNON | NO | The process will release the store order to the store's parent warehouse, which will redirect the order to Presidents Plaza. This function is for CII drug order process only. The program selects only the vendor - Presidents Plaza. |
| ORPB383 Rise Wreahse Ord | | | | SYNON | NO | This is a warehouse order release program. |
| ORPB877 Build FTP File | | | | SYNON | NO | This program was recompiled for the changes done in OR771P file. |
| ORCB712 | | | | CLP | YES | Select C2 Items from MN003P |
| ORCB713 | | | | CLP | YES | Select PSE Items from MN003P |
| ORPO733A | | | | SYNON | YES | Build And Insert record from MN003P to QTEMP. |
| ORPB305 Rise Sugg D/C Ord | | | | SYNON | NO | * Order release program. |
| ORPB077 Delete Order | | | | SYNON | NO | This function will delete records in Ordering files OR007P, OR008P, OR009P and Sus Order Items file OR771P for a specific Order number. This will update Order Item Audit stamp file OR089P with recent audit stamp info. |
| ORPB080 Dlt/Upd Ord Audit | | | | SYNON | NO | This function will Update Audit stamp file OR089P and clear Susp Order items file OR771P for specific order. Need for this program is b'coz of number of files exceeded in ORPO010 and ORPO017. |
| ORPO312 Susp Ord Itm-Mtly | | | | SYNON | NO | This program displays the Monthly data of DEA Suspicious Order Item-OR771P to Corporate Users for analysis. |
| ORPO313 Susp Ord Itm-Wkly | | | | SYNON | NO | This program displays the Weekly data of DEA Suspicious Order Item OR771P to Corporate Users for analysis. |
| ORPO317 Dsp Susp Item Dtl | | | | SYNON | NO | This program displays the details of records in DEA Suspicio us Order Item-OR771P to Corporate Users for analysis. |
| ORPO318 Disp Order Item Audit | | | | SYNON | NO | This program display the Order Item Audit information |
| ORPO033 Ord Expt by Descr | | | | SYNON | NO | Order Exceptions by Description |
| ORPO033A Ord Expt by Cost | | | | SYNON | NO | Order Exceptions by cost |
| ORPO030A Itms for Dept(P) | | | | SYNON | NO | Changes to line item order qty for Prescriptions only. make changes to line item order qty for Prescriptions only. It is a copy of ORPO030 |
| ORPO035 Create PDQ Order | | | | SYNON | NO | This on line screen will create/update PDQ orders. ORPO010, ORPO017, ORPO020, ORPO027 |
| ORPO037 Items by Cost | | | | SYNON | NO | This module will retrieve items by department and make changes to line item order qty. |
| ORPO037A Items by Cost(P) | | | | SYNON | NO | This module will retrieve items by department in cost change order and will make changes to line item order qty for Prescriptions only. It is a copy of ORPO037. |

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| ORPO031 Order Exceptions | | | | SYNON | NO | This module will retrieve items for a store and made changes to line item order qty. |
| ORPB417 Set Order Qty | | | | SYNON | NO | This program sets the Order Qty and Suspicious Reason Code. |
| ORPB419 Set Reduced Qty | | | | SYNON | NO | This program sets the Reduced Qty. |
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Screen / Report Layouts:

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Walgreens**AS/400 Screen Changes****N/A.**

| Report | System | Report Description | Program Type | Program Language | New Pgm? | Modification/Creation Description |
|--------|--------|--------------------|--------------|------------------|----------|-----------------------------------|
| None | | | | | | |

File Layouts:

None

Manual Procedure:

| Process Name | User Impact | Process Description |
|--------------|-------------|---------------------|
| None | | |

Performance/Availability:

None

Assumptions:**Exclusions:**